

1 **ABSTRACT**

2 An integrated controller for the detection and operation of both PC Cards, smart cards
3 and passive smart card adapter cards. In one aspect, the invention detects the presence of
4 standard expansion cards or passive smart card adapters by utilizing the reserved detection and
5 voltage selection signal area defined by the PC Card specification. In another aspect, the
6 invention provides an integrated controller that includes logic to operate either a standard
7 expansion card or a passive smart card adapter by reassigning certain PC Card signal lines to
8 operate a standard expansion card or a passive smart card adapter, thereby eliminating the need
9 to provide pins in addition to those defined by the PC Card specification.